

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Autocar (AUT)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Autocar (AUT)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned											237		159				396	0
Innovative Technology/Off-Cycle Credits Earned											147		478				625	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	384	0	637	0	0	0	1,021	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	384	0	637	0	0	0	1,021	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Autocar (AUT)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor											
Conventional Credits Earned											60,718		59,208				119,926	0	
Innovative Technology/Off-Cycle Credits Earned											111,822		94,384				206,206	0	
Banked Credits In																	0	0	
Banked Credits Out																	0	0	
Trades In																	0	0	
Trades Out																	0	0	
Retired Credits																	0	0	
Expired Credits																	0	0	
Manufacturer Resubmission																	0	0	
Miscellaneous Adjustments *(See Note Below MY)																	0	0	
Custom Chassis Deficit Transfer																	0	0	
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	172,540	0	153,592	0	0	326,132	0	
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>172,540</b>	<b>0</b>	<b>153,592</b>	<b>0</b>	<b>0</b>	<b>326,132</b>	<b>0</b>									
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																	0	0	
AT Banked Credits In																	0	0	
AT Banked Credits Out																	0	0	
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>											

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Autocar (AUT)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Autocar (AUT)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:Autocar (AUT)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Blue Bird Body (BBB)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013 Vocational	MY 2014 Vocational	MY 2015 Vocational	MY 2016 Vocational	MY 2017 Vocational	MY 2018 Vocational	MY 2019 Vocational	MY 2020 Vocational	Aggregate Vocational
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Blue Bird Body (BBB)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned			58,034		69,126		71,126		70,911		64,353		45,025				378,575	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits				-58,034													-58,034	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	69,126	0	71,126	0	70,911	0	64,353	0	45,025	0	0	0	320,541	0
Available Averaging Set Credit Balance	0	0	0	0	69,126	0	71,126	0	70,911	0	64,353	0	45,025	0	0	0	320,541	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned													2,382				2,382	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,382	0	0	0	2,382	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,382	0	0	0	2,382	0

Note:

Manufacturer: Blue Bird Body (BBB)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			24,740		28,439		30,348		34,142		24,518		15,523				157,710	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-24,740														-24,740	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	28,439	0	30,348	0	34,142	0	24,518	0	15,523	0	0	0	132,970	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,439</b>	<b>0</b>	<b>30,348</b>	<b>0</b>	<b>34,142</b>	<b>0</b>	<b>24,518</b>	<b>0</b>	<b>15,523</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>132,970</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned											9,308		77,077				86,385	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	9,308	0	77,077	0	0	0	86,385	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,308</b>	<b>0</b>	<b>77,077</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86,385</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Blue Bird Body (BBB)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Blue Bird Body (BBB)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Blue Bird Body (BBB)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Chanje (CJE)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate Vocational		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned										4,385		526							4,911
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		4,385		526		0		0		0		4,911

Note:

Manufacturer: Chanje (CJE)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Chanje (CJE)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Chanje (CJE)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Chanje (CJE)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:Chanje (CJE)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance		0		0		0		0		0		0		0		0		0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Chrysler Group (CRX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned		7,823	10,612	15,121	8,014	15,996	10,739		68,305
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-7,823							-7,823
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	10,612	15,121	8,014	15,996	10,739	0	60,482
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Chrysler Group (CRX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Chrysler Group (CRX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Chrysler Group (CRX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Chrysler Group (CRX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:Chrysler Group (CRX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Cummins Inc. (CEX)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Cummins Inc. (CEX)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Cummins Inc. (CEX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Cummins Inc. (CEX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
<b>LHD Engine Conventional and Off-Cycle Credit Summary</b>									
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments*(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Cummins Inc. (CEX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
<b>MHD Engine Conventional and Off-Cycle Credit Summary</b>																		
Conventional Credits Earned	2,431,980	36,721	3,410,912	43,789	4,133,398	15,849	759,201	-11,977	2,317,429	-4,467	2,045,886	9,008	2,120,459	-12,265			17,219,265	76,658
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In								11,977		4,467				12,265			0	28,709
Banked Credits Out							-11,977		-4,467				-12,265				-28,709	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-2,431,980	-36,721	-3,410,912	-43,789													-5,842,892	-80,510
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	4,133,398	15,849	747,224	0	2,312,962	0	2,045,886	9,008	2,108,194	0	0	0	11,347,664	24,857
Available Averaging Set Credit Balance	0	0	0	0	4,149,247	15,849	747,224	0	2,312,962	0	2,054,894	9,008	2,108,194	0	0	0	11,372,521	24,857
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Cummins Inc. (CEX);

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	452,659	2,354,276	502,112	3,160,240	441,967	1,639,452	-531,266	-874,489	581,624	-308,689	108,061	75,513	899,669	77,690			2,454,826	6,123,993
Innovative Technology/Off-Cycle Credits Earned																		
Banked Credits In							531,266	1,098,000		308,689							531,266	1,406,689
Banked Credits Out	-452,659	-1,176,607							-308,689								-761,348	-1,176,607
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits		-454,198	-502,112	-2,251,204													-502,112	-2,705,402
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission		-723,471		-909,036		-866,322		-223,511									0	-2,722,340
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	441,967	773,130	0	0	272,935	0	108,061	75,513	899,669	77,690	0	0	1,722,632	926,333
<b>Available Averaging Set Credit Balance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,215,097</b>	<b>0</b>	<b>0</b>	<b>272,935</b>	<b>183,574</b>	<b>977,359</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,648,965</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AT Averaging Set Available Credit Balance</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: Credit reductions due to Cummins resubmission with new CO2 FCL for XAU family from MY13-16

MY13 NOTE: No 1.5X multiplier for early certification because alternate phase-in option used

MY16 NOTE: Used MY13 banked credits to offset these HHD deficits

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

### Manufacturer: Daimler Coaches (RCC)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

### Manufacturer: Daimler Coaches (RCC)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

**Manufacturer: Daimler Coaches (RCC)**

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned													179				179	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	179	0	0	0	179	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>179</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>179</b>	<b>0</b>										
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Daimler Coaches (RCC)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Daimler Coaches (RCC)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

**Manufacturer: Daimler Coaches (RCC)**

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Daimler Trucks (DTN)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Daimler Trucks (DTN)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned	73,633	41,927	66,409	61,383	109,170	49,870	172,337	62,523	210,546	38,728	173,854	66,919	242,393	76,400			1,048,342	397,750
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-73,633	-41,927	-66,409	-61,383													-140,042	-103,310
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	109,170	49,870	172,337	62,523	210,546	38,728	173,854	66,919	242,393	76,400	0	0	908,300	294,440
Available Averaging Set Credit Balance	0	0	0	0	159,040	49,870	234,860	62,523	249,274	38,728	240,773	66,919	318,793	76,400	0	0	1,202,740	
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Daimler Trucks (DTN)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	211,053	1,065,999	198,807	1,174,142	235,490	1,252,272	332,237	2,178,860	355,802	944,400	331,284	1,036,547	478,882	1,382,611			2,143,555	9,034,831
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-211,053	-1,065,999	-198,807	-1,174,142													-409,860	-2,240,141
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	235,490	1,252,272	332,237	2,178,860	355,802	944,400	331,284	1,036,547	478,882	1,382,611	0	0	1,733,695	6,794,690
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,487,762</b>	<b>2,511,097</b>	<b>1,300,202</b>	<b>1,367,831</b>	<b>1,861,493</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,528,385</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Daimler Trucks (DTN)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Daimler Trucks (DTN)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Daimler Trucks (DTN)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Detroit Diesel (DDX)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Detroit Diesel (DDX)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Detroit Diesel (DDX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Detroit Diesel (DDX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Detroit Diesel (DDX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned									19,499		55,375	-698	268,453	1,481			343,327	783
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In												698					0	698
Banked Credits Out											-698						-698	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	19,499	0	54,677	0	268,453	1,481	0	0	342,629	1,481
Available Averaging Set Credit Balance	0		0		0		0		19,499		54,677		268,453	1,481	0		342,629	344,110
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Detroit Diesel (DDX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	447,299	1,231,159	612,654	2,041,851	685,880	2,312,587	492,178	512,697	788,844	395,642	891,787	743,510	1,041,857	768,702			4,960,499	8,006,148
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-447,299	-1,231,159	-612,654	-2,041,851													-1,059,953	-3,273,010
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	685,880	2,312,587	492,178	512,697	788,844	395,642	891,787	743,510	1,041,857	768,702	0	0	3,900,546	4,733,138
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,998,467</b>	<b>1,004,875</b>	<b>1,184,486</b>	<b>1,184,486</b>	<b>1,635,297</b>	<b>1,635,297</b>	<b>1,810,559</b>	<b>1,810,559</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,633,684</b>	<b>8,633,684</b>
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: MY13 NOTE: No 1.5X multiplier for early certification because alternate phase-in option used

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: El Dorado National (EDR)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: El Dorado National (EDR)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: El Dorado National (EDR)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			5,771		5,109		6,525		2,884		6,450		7,027				33,766	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-5,771														-5,771	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	5,109	0	6,525	0	2,884	0	6,450	0	7,027	0	0	0	27,995	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,109</b>	<b>0</b>	<b>6,525</b>	<b>0</b>	<b>2,884</b>	<b>0</b>	<b>6,450</b>	<b>0</b>	<b>7,027</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27,995</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:El Dorado National (EDR)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:El Dorado National (EDR)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:El Dorado National (EDR)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: E-One Inc. (ENE)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate Vocational	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational			
Conventional Credits Earned																		0
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In																		0
Banked Credits Out																		0
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits																		0
Useful Life Credit Adjustment for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments *(See Note Below MY)																		0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: E-One Inc. (ENE)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: E-One Inc. (ENE)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			4,267		0		0		5,667		10,019		5,253				25,206	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-4,267														-4,267	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	5,667	0	10,019	0	5,253	0	0	0	20,939	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,667</b>	<b>0</b>	<b>10,019</b>	<b>0</b>	<b>5,253</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,939</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:E-One Inc. (ENE)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:E-One Inc. (ENE)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:E-One Inc. (ENE)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: EVO Bus (EVB)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: EVO Bus (EVB)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: EVO Bus (EVB)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			2,300		1,233		1,174		1,390		235						6,332	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-2,300														-2,300	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	1,233	0	1,174	0	1,390	0	235	0	0	0	0	0	4,032	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,233</b>	<b>0</b>	<b>1,174</b>	<b>0</b>	<b>1,390</b>	<b>0</b>	<b>235</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,032</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:EVO Bus (EVB)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:EVO Bus (EVB)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:EVO Bus (EVB)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Ferrara Fire (FFA)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Ferrara Fire (FFA)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Ferrara Fire (FFA)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned									1,436		581		1,250				3,267	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	1,436	0	581	0	1,250	0	0	0	3,267	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,436</b>	<b>0</b>	<b>581</b>	<b>0</b>	<b>1,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,267</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Ferrara Fire (FFA)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Ferrara Fire (FFA)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:Ferrara Fire (FFA)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Ford Motor (FMX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned		338,493	54,320	40,201	31,639	41,495	135,491		641,639
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-338,493							-338,493
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	54,320	40,201	31,639	41,495	135,491	0	303,146
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Ford Motor (FMX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned			64,651		47,486		70,157		148,186		74,679		106,977				512,136	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-64,651														-64,651	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	47,486	0	70,157	0	148,186	0	74,679	0	106,977	0	0	0	447,485	0
Available Averaging Set Credit Balance	0	0	0	0	47,486	0	70,157	0	148,186	0	74,679	0	106,977	0	0	0	447,485	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Ford Motor (FMX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned							303		2,740		3,080		2,829				8,952	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	303	0	2,740	0	3,080	0	2,829	0	0	0	8,952	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>303</b>	<b>0</b>	<b>2,740</b>	<b>0</b>	<b>3,080</b>	<b>0</b>	<b>2,829</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,952</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

**Manufacturer:** Ford Motor (FMX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational	
Conventional Credits Earned			252,236		217,062		161,215		11,289		9,003		22,124					672,929
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In																		0
Banked Credits Out																		0
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits			-252,236															-252,236
Useful Life Credit Adjustment for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments*(See Note Below MY)																		0
Available Averaging Set Credit Balance	0		0		217,062		161,215		11,289		9,003		22,124		0			420,693
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0			0

Note:

**Manufacturer:** Ford Motor (FMX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned							26,165	-1,694	16,742	-1,034	17,924		36,783				97,614	-2,728
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In								1,694		1,034								0
Banked Credits Out							-1,694		-1,034									-2,728
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits																		0
Discounted Credits for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments*(See Note Below MY)																		0
Available Credit Balance	0	0	0	0	0	0	24,471	0	15,708	0	17,924	0	36,783	0	0	0	94,886	0
Available Averaging Set Credit Balance	0		0		0		24,471		15,708		17,924		36,783		0			94,886
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0			0

Note:

Manufacturer: Ford Motor (FMX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Available Averaging Set Credit Balance</b>	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AT Averaging Set Available Credit Balance</b>	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Fiat Powertrain (FPX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Fiat Powertrain (FPX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Fiat Powertrain (FPX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Fiat Powertrain (FPX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational	
Conventional Credits Earned				1,215				6,492		-456								7,251
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In										456								456
Banked Credits Out				-456														-456
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits				-759														-759
Useful Life Credit Adjustment for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments *(See Note Below MY)																		0
Available Averaging Set Credit Balance	0		0		0		0	6,492	0	0	0	0	0	0	0	0	0	6,492
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Averaging Set Available Credit Balance	0		0		0		0	0	0	0	0	0	0	0	0	0	0	0

Note:

The MY2017 vocational deficit was offset using MY2014 banked credits

Manufacturer: Fiat Powertrain (FPX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational	Tractor																	
Conventional Credits Earned																		0	0
Innovative Technology/Off-Cycle Credits Earned																		0	0
Banked Credits In																		0	0
Banked Credits Out																		0	0
Trades In																		0	0
Trades Out																		0	0
Retired Credits																		0	0
Expired Credits																		0	0
Discounted Credits for Phase 2																		0	0
Manufacturer Resubmission																		0	0
Miscellaneous Adjustments *(See Note Below MY)																		0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																		0	0
AT Banked Credits In																		0	0
AT Banked Credits Out																		0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Fiat Powertrain (FPX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Available Averaging Set Credit Balance</b>	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AT Averaging Set Available Credit Balance</b>	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: General Motors (GMX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned		45,803	62,030	2,591			6,775		117,199
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-45,803							-45,803
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	62,030	2,591	0	0	6,775	0	71,396
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: General Motors (GMX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned													2,965		2,965		2,965	0
Innovative Technology/Off-Cycle Credits Earned															0		0	0
Banked Credits In															0		0	0
Banked Credits Out															0		0	0
Trades In															0		0	0
Trades Out															0		0	0
Retired Credits															0		0	0
Expired Credits															0		0	0
Manufacturer Resubmission															0		0	0
Miscellaneous Adjustments *(See Note Below MY)															0		0	0
Custom Chassis Deficit Transfer															0		0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,965	0	0	0	2,965	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	2,965	0	0	0	2,965	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned															0		0	0
AT Banked Credits In															0		0	0
AT Banked Credits Out															0		0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: General Motors (GMX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: General Motors (GMX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: General Motors (GMX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	

Note:

Manufacturer: General Motors (GMX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Gillig LLC (GLG)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Gillig LLC (GLG)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned			438		386		126		53								1,003	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-438														-438	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	386	0	126	0	53	0	0	0	0	0	0	0	565	0
Available Averaging Set Credit Balance	0		0		386		126		53		0		0		0		0	565
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Gillig LLC (GLG)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			22,397		20,162		22,590		28,570		36,657		35,565				165,941	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-22,397														-22,397	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	20,162	0	22,590	0	28,570	0	36,657	0	35,565	0	0	0	143,544	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,162</b>	<b>0</b>	<b>22,590</b>	<b>0</b>	<b>28,570</b>	<b>0</b>	<b>36,657</b>	<b>0</b>	<b>35,565</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>143,544</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned									1,033		3,098						4,131	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	1,033	0	3,098	0	0	0	0	0	4,131	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,033</b>	<b>0</b>	<b>3,098</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,131</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Gillig LLC (GLG)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Gillig LLC (GLG)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Gillig LLC (GLG)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

### Manufacturer: Hino Manufacturing (HNM)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

### Manufacturer: Hino Manufacturing (HNM)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	6,237	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	6,237	0	0	0	6,237	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	6,237	0	0	0	6,237	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

**Manufacturer: Hino Manufacturing (HNM)**

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned													10				10	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0
Available Averaging Set Credit Balance	<b>0</b>		<b>10</b>		<b>0</b>		<b>10</b>											
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>																	

Note:

## Heavy-Duty CI Engines Credit Summary

### Manufacturer: Hino Manufacturing (HNM)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

### Manufacturer: Hino Manufacturing (HNM)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

**Manufacturer: Hino Manufacturing (HNM)**

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(a)</sup> (See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

### Manufacturer: Hino Motors (HMX)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned														3,967					3,967
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		3,967		0		3,967
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

### Manufacturer: Hino Motors (HMX)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned														17,608					17,608	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	17,608	0	0	0	0	17,608	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		17,608		0		17,608	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

**Manufacturer: Hino Motors (HMX)**

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor										
Conventional Credits Earned													1,491				1,491	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	1,491	0	0	0	1,491	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>1,491</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,491</b>	<b>0</b>										
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>										

Note:

## Heavy-Duty CI Engines Credit Summary

### Manufacturer: Hino Motors (HMX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

### Manufacturer: Hino Motors (HMX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate				
	Vocational	Tractor																			
Conventional Credits Earned																			0	0	
Innovative Technology/Off-Cycle Credits Earned																				0	0
Banked Credits In																				0	0
Banked Credits Out																				0	0
Trades In																				0	0
Trades Out																				0	0
Retired Credits																				0	0
Expired Credits																				0	0
Discounted Credits for Phase 2																				0	0
Manufacturer Resubmission																				0	0
Miscellaneous Adjustments*(See Note Below MY)																				0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0			0	
<b>Advanced Technology Credit Summary</b>																					
AT Credits Earned																				0	0
AT Banked Credits In																				0	0
AT Banked Credits Out																				0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0			0	

Note:

**Manufacturer: Hino Motors (HMX)**

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Isuzu Motors (SZX)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned		42,816	55,820	64,177	43,559	46,888	52,793		306,053
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits		-42,816							-42,816
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	55,820	64,177	43,559	46,888	52,793	0	263,237
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Isuzu Motors (SZX)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned											7,625		5,029				12,654	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	7,625	0	5,029	0	0	0	12,654	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	7,625	0	5,029	0	0	0	12,654	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Isuzu Motors (SZX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Isuzu Motors (SZX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational	
Conventional Credits Earned					56,886		54,534							8,983				120,403
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In																		0
Banked Credits Out																		0
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits																		0
Useful Life Credit Adjustment for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments *(See Note Below MY)																		0
Available Averaging Set Credit Balance	0		0		56,886		54,534		0		0		8,983		0		0	120,403
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Isuzu Motors (SZX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Isuzu Motors (SZX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Available Averaging Set Credit Balance</b>	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AT Averaging Set Available Credit Balance</b>	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Kovatch Mobile (KME)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Kovatch Mobile (KME)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Kovatch Mobile (KME)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned							3,002		3,338		2,643		2,026				11,009	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	3,002	0	3,338	0	2,643	0	2,026	0	0	0	11,009	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,002</b>	<b>0</b>	<b>3,338</b>	<b>0</b>	<b>2,643</b>	<b>0</b>	<b>2,026</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,009</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Kovatch Mobile (KME)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Kovatch Mobile (KME)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate				
	Vocational	Tractor																			
Conventional Credits Earned																			0	0	
Innovative Technology/Off-Cycle Credits Earned																				0	0
Banked Credits In																				0	0
Banked Credits Out																				0	0
Trades In																				0	0
Trades Out																				0	0
Retired Credits																				0	0
Expired Credits																				0	0
Discounted Credits for Phase 2																				0	0
Manufacturer Resubmission																				0	0
Miscellaneous Adjustments*(See Note Below MY)																				0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0			0	
<b>Advanced Technology Credit Summary</b>																					
AT Credits Earned																				0	0
AT Banked Credits In																				0	0
AT Banked Credits Out																				0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0			0	

Note:

Manufacturer:Kovatch Mobile (KME)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Mitsubishi Fuso (MFT)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned			1,360		2,445		882		3,361		169		891						9,108
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits			-1,360																-1,360
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		2,445		882		3,361		169		891		0				7,748
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned											7,072								7,072
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		7,072		0		0				7,072

Note:

Manufacturer: Mitsubishi Fuso (MFT)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0				0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0				0	0

Note:

Manufacturer: Mitsubishi Fuso (MFT)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Mitsubishi Fuso (MFT)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Mitsubishi Fuso (MFT)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Mitsubishi Fuso (MFT)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Motor Coach Industries (MCH)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate Vocational	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational			
Conventional Credits Earned																		0
Innovative Technology/Off-Cycle Credits Earned																		0
Banked Credits In																		0
Banked Credits Out																		0
Trades In																		0
Trades Out																		0
Retired Credits																		0
Expired Credits																		0
Useful Life Credit Adjustment for Phase 2																		0
Manufacturer Resubmission																		0
Miscellaneous Adjustments *(See Note Below MY)																		0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0			0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																		0
AT Banked Credits In																		0
AT Banked Credits Out																		0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0			0

Note:

Manufacturer: Motor Coach Industries (MCH)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0			0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0			0

Note:

Manufacturer: Motor Coach Industries (MCH)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			18,312		18,975		20,456		17,967		32,067		28,204				135,981	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-18,312														-18,312	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	18,975	0	20,456	0	17,967	0	32,067	0	28,204	0	0	0	117,669	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,975</b>	<b>0</b>	<b>20,456</b>	<b>0</b>	<b>17,967</b>	<b>0</b>	<b>32,067</b>	<b>0</b>	<b>28,204</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>117,669</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Motor Coach Industries (MCH)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Motor Coach Industries (MCH)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	

Note:

Manufacturer:Motor Coach Industries (MCH)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Navistar (NVX)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0

### Advanced Technology Credit Summary

AT Credits Earned		8,393								8,393
AT Banked Credits In										0
AT Banked Credits Out/Expired Credits		-8,393								-8,393
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0

Note:

LHD deficit reset to zero for MY13 only

Some AT credits used to offset LHD and MHD Engine deficits in MY2014  
Remaining 453 Mg expired after MY2019

Manufacturer: Navistar (NVX)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned	142,054	2,806			68,834	6,942	54,000	16,091	127,160	11,789	157,403	6,227	214,922	22,053			764,373	65,908
Innovative Technology/Off-Cycle Credits Earned						79					2,251						2,251	79
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-142,054	-2,806															-142,054	-2,806
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	68,834	7,021	54,000	16,091	127,160	11,789	159,654	6,227	214,922	22,053	0	0	624,570	63,181
Available Averaging Set Credit Balance	0	0	0	0	75,855	70,091	70,091	70,091	138,949	138,949	165,881	165,881	236,975	236,975	0	0	687,751	687,751

### Advanced Technology Credit Summary

AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Navistar (NVX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	186,954	209,594			42,983	432,665	59,374	487,635	86,883	253,372	117,567	304,548	171,649	565,731			665,410	2,253,545
Innovative Technology/Off-Cycle Credits Earned					1,860	17,331	1,292	8	509	74	549						4,210	17,413
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-186,954	-209,594															-186,954	-209,594
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	44,843	449,996	60,666	487,643	87,392	253,446	118,116	304,548	171,649	565,731	0	0	482,666	2,061,364
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>494,839</b>	<b>548,309</b>	<b>340,838</b>	<b>422,664</b>	<b>737,380</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,544,030</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Navistar (NVX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational	Tractor																	
Conventional Credits Earned																			27,480
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In			681																681
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		28,161		0		28,161
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note: MY2014 LHD vocational engine deficit offset with MY14 LHD Vehicle AT credits

Manufacturer: Navistar (NVX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational	Tractor																	
Conventional Credits Earned			-6,211	-1,048	83,030	-50	70,179	-167	1,752								148,750	-1,265	
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In			6,211	1,048		50		167											6,211
Banked Credits Out					-50		-167												-217
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Discounted Credits for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Credit Balance	0	0	0	0	82,980	0	70,012	0	1,752	0	0	0	0	0	0	0	0	0	154,744
Available Averaging Set Credit Balance	0	0	0	0	82,980	0	70,012	0	1,752	0	0	0	0	0	0	0	0	0	154,744
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: MY2014 MHD engine deficits offset with MY14 LHD Vehicle AT credits

Manufacturer: Navistar (NVX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			130,740	-53,184	158,828	4,234	110,497	5,619	53,616	3,014	113,836	58,919	237,206	62,769			804,723	81,371
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In				53,184													0	53,184
Banked Credits Out			-53,184														-53,184	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-77,556														-77,556	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	158,828	4,234	110,497	5,619	53,616	3,014	113,836	58,919	237,206	62,769	0	0	673,983	134,555
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>163,062</b>	<b>4,234</b>	<b>116,116</b>	<b>5,619</b>	<b>56,630</b>	<b>3,014</b>	<b>172,755</b>	<b>58,919</b>	<b>299,975</b>	<b>62,769</b>	<b>0</b>	<b>0</b>	<b>808,538</b>	
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: New Flyer (NFA)

	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
LHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: New Flyer (NFA)

	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
MHD Vehicle Conventional and Off-Cycle Credit Summary	Vocational	Tractor																
Conventional Credits Earned					174		286		124								584	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	174	0	286	0	124	0	0	0	0	0	0	0	584	0
Available Averaging Set Credit Balance	0	0	0	0	174	0	286	0	124	0	0	0	0	0	0	0	584	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: New Flyer (NFA)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned					14,055		31,620		30,765		31,261		33,979				141,680	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	14,055	0	31,620	0	30,765	0	31,261	0	33,979	0	0	0	141,680	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,055</b>	<b>0</b>	<b>31,620</b>	<b>0</b>	<b>30,765</b>	<b>0</b>	<b>31,261</b>	<b>0</b>	<b>33,979</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>141,680</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned									23,265		164,435		170,268				357,968	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	23,265	0	164,435	0	170,268	0	0	0	357,968	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23,265</b>	<b>0</b>	<b>164,435</b>	<b>0</b>	<b>170,268</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>357,968</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:New Flyer (NFA)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:New Flyer (NFA)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:New Flyer (NFA)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Oshkosh (OSH)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Oshkosh (OSH)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Oshkosh (OSH)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			9,168		10,055		12,799		8,434		19,428		21,983				81,867	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-9,168														-9,168	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	10,055	0	12,799	0	8,434	0	19,428	0	21,983	0	0	0	72,699	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,055</b>	<b>0</b>	<b>12,799</b>	<b>0</b>	<b>8,434</b>	<b>0</b>	<b>19,428</b>	<b>0</b>	<b>21,983</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>72,699</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Oshkosh (OSH)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Oshkosh (OSH)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer:Oshkosh (OSH)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments*(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: PACCAR Inc. (PCR)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned	5		212		67		65		37		58		63				507	
Innovative Technology/Off-Cycle Credits Earned																	0	
Banked Credits In																	0	
Banked Credits Out																	0	
Trades In																	0	
Trades Out																	0	
Retired Credits																	0	
Expired Credits	-5		-212														-217	
Useful Life Credit Adjustment for Phase 2																	0	
Manufacturer Resubmission																	0	
Miscellaneous Adjustments *(See Note Below MY)																	0	
Available Averaging Set Credit Balance	0		0		67		65		37		58		63		0		290	
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	
AT Banked Credits In																	0	
AT Banked Credits Out																	0	
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	

Note:

Manufacturer: PACCAR Inc. (PCR)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned	4,322		16,883	23	24,614	405	27,010	-382	32,774	-3,182	45,426	-1,882	51,570	-2,578			202,599	-7,596
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In								382		3,182		1,882		2,578			0	8,024
Banked Credits Out							-382		-3,182		-1,882		-2,578				-8,024	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-4,322		-16,883	-23													-21,205	-23
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	24,614	405	26,628	0	29,592	0	43,544	0	48,992	0	0	0	173,370	405
Available Averaging Set Credit Balance	0		0		25,019		26,628		29,592		43,544		48,992		0		173,370	405
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: PACCAR Inc. (PCR)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned	32,808		209,120	-4,885	354,536	10,042	360,243	397,917	364,001	299,416	465,882	347,774	570,843	426,408			2,357,433	1,476,672
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In				4,885													0	4,885
Banked Credits Out			-4,885														-4,885	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits	-32,808		-204,235														-237,043	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	354,536	10,042	360,243	397,917	364,001	299,416	465,882	347,774	570,843	426,408	0	0	2,115,505	1,481,557
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>364,578</b>	<b>758,160</b>	<b>663,417</b>	<b>813,656</b>	<b>997,251</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,597,062</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: PACCAR Inc. (PCR)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: PACCAR Inc. (PCR)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: PACCAR Inc. (PCR)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			326,065	34,426	537,598	67,663	718,430	71,794	730,166	33,112	875,172	47,235	1,175,446	275,695			4,362,877	529,925
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-326,065	-34,201													-326,065	-34,201
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission				-225													0	-225
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	537,598	67,663	718,430	71,794	730,166	33,112	875,172	47,235	1,175,446	275,695	0	0	4,036,812	495,499
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>605,261</b>	<b>67,663</b>	<b>790,224</b>	<b>71,794</b>	<b>763,278</b>	<b>33,112</b>	<b>922,407</b>	<b>47,235</b>	<b>1,451,141</b>	<b>275,695</b>	<b>0</b>	<b>0</b>	<b>4,532,311</b>	<b>495,499</b>
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: PACCAR rsubmitted EOY report which reduced MY14 tractor credits 225 Mg

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Terex Corp. (TRX)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Terex Corp. (TRX)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Terex Corp. (TRX)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			4,055		4,160		12,241		1,383		2,215		2,320				26,374	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-4,055														-4,055	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	4,160	0	12,241	0	1,383	0	2,215	0	2,320	0	0	0	22,319	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,160</b>	<b>0</b>	<b>12,241</b>	<b>0</b>	<b>1,383</b>	<b>0</b>	<b>2,215</b>	<b>0</b>	<b>2,320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,319</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Terex Corp. (TRX)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Terex Corp. (TRX)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Terex Corp. (TRX)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Tiffin Motor Homes (TFF)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Tiffin Motor Homes (TFF)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned			1,256														1,256	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-1,256														-1,256	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Tiffin Motor Homes (TFF)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned			17,180														17,180	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	-17,180	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>																
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>																

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer:Tiffin Motor Homes (TFF)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer:Tiffin Motor Homes (TFF)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Tiffin Motor Homes (TFF)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Van Hool (VNH)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments *(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Van Hool (VNH)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments *(See Note Below MY)																			0	0
Custom Chassis Deficit Transfer																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Van Hool (VNH)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor								
Conventional Credits Earned									31,343		26,560		27,764				85,667	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	31,343	0	26,560	0	27,764	0	0	0	0
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,343</b>	<b>0</b>	<b>26,560</b>	<b>0</b>	<b>27,764</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>								

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Van Hool (VNH)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate		
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		
Conventional Credits Earned																			0
Innovative Technology/Off-Cycle Credits Earned																			0
Banked Credits In																			0
Banked Credits Out																			0
Trades In																			0
Trades Out																			0
Retired Credits																			0
Expired Credits																			0
Useful Life Credit Adjustment for Phase 2																			0
Manufacturer Resubmission																			0
Miscellaneous Adjustments*(See Note Below MY)																			0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0
<b>Advanced Technology Credit Summary</b>																			
AT Credits Earned																			0
AT Banked Credits In																			0
AT Banked Credits Out																			0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0

Note:

Manufacturer: Van Hool (VNH)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate			
	Vocational	Tractor																		
Conventional Credits Earned																			0	0
Innovative Technology/Off-Cycle Credits Earned																			0	0
Banked Credits In																			0	0
Banked Credits Out																			0	0
Trades In																			0	0
Trades Out																			0	0
Retired Credits																			0	0
Expired Credits																			0	0
Discounted Credits for Phase 2																			0	0
Manufacturer Resubmission																			0	0
Miscellaneous Adjustments*(See Note Below MY)																			0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0		0	0
<b>Advanced Technology Credit Summary</b>																				
AT Credits Earned																			0	0
AT Banked Credits In																			0	0
AT Banked Credits Out																			0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0		0	0

Note:

Manufacturer: Van Hool (VNH)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments <sup>(See Note Below MY)</sup>																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

## Heavy-Duty Vocational and Tractor Vehicles Credit Summary

Manufacturer: Volvo Group Trucks (VPT)

LHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013	MY 2014	MY 2015	MY 2016	MY 2017	MY 2018	MY 2019	MY 2020	Aggregate
	Vocational								
Conventional Credits Earned									0
Innovative Technology/Off-Cycle Credits Earned									0
Banked Credits In									0
Banked Credits Out									0
Trades In									0
Trades Out									0
Retired Credits									0
Expired Credits									0
Useful Life Credit Adjustment for Phase 2									0
Manufacturer Resubmission									0
Miscellaneous Adjustments *(See Note Below MY)									0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>									
AT Credits Earned									0
AT Banked Credits In									0
AT Banked Credits Out									0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Volvo Group Trucks (VPT)

MHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned																	0	0
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

Manufacturer: Volvo Group Trucks (VPT)

HHD Vehicle Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			241,921	34,829	208,891	426,747	261,809	1,081,938	215,006	459,823	292,251	452,807	270,644	651,571			1,490,522	3,107,715
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In																	0	0
Banked Credits Out																	0	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-241,921	-34,829													-241,921	-34,829
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Custom Chassis Deficit Transfer																	0	0
Available Credit Balance	0	0	0	0	208,891	426,747	261,809	1,081,938	215,006	459,823	292,251	452,807	270,644	651,571	0	0	1,248,601	3,072,886
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>635,638</b>	<b>1,343,747</b>	<b>674,829</b>	<b>1,343,747</b>	<b>674,829</b>	<b>745,058</b>	<b>745,058</b>	<b>922,215</b>	<b>922,215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,321,487</b>	<b>4,321,487</b>
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note:

## Heavy-Duty CI Engines Credit Summary

Manufacturer: Volvo Group Trucks (VPT)

LHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational		Vocational	
Conventional Credits Earned	0																	
Innovative Technology/Off-Cycle Credits Earned	0																	
Banked Credits In	0																	
Banked Credits Out	0																	
Trades In	0																	
Trades Out	0																	
Retired Credits	0																	
Expired Credits	0																	
Useful Life Credit Adjustment for Phase 2	0																	
Manufacturer Resubmission	0																	
Miscellaneous Adjustments *(See Note Below MY)	0																	
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0	
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned	0																	
AT Banked Credits In	0																	
AT Banked Credits Out	0																	
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	

Note:

Manufacturer: Volvo Group Trucks (VPT)

MHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor																
Conventional Credits Earned	0																	
Innovative Technology/Off-Cycle Credits Earned	0																	
Banked Credits In	0																	
Banked Credits Out	0																	
Trades In	0																	
Trades Out	0																	
Retired Credits	0																	
Expired Credits	0																	
Discounted Credits for Phase 2	0																	
Manufacturer Resubmission	0																	
Miscellaneous Adjustments *(See Note Below MY)	0																	
Available Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Available Averaging Set Credit Balance	0		0		0		0		0		0		0		0		0	
<b>Advanced Technology Credit Summary</b>																		
AT Credits Earned	0																	
AT Banked Credits In	0																	
AT Banked Credits Out	0																	
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	0		0		0		0		0		0		0		0		0	

Note:

Manufacturer: Volvo Group Trucks (VPT)

HHD Engine Conventional and Off-Cycle Credit Summary	MY 2013		MY 2014		MY 2015		MY 2016		MY 2017		MY 2018		MY 2019		MY 2020		Aggregate	
	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor	Vocational	Tractor
Conventional Credits Earned			409,923	834,350	1,176,895	610,293	399,166	467,712	682,271	-438,947	604,416	-202,446	794,938	-195,230			4,067,609	1,075,732
Innovative Technology/Off-Cycle Credits Earned																	0	0
Banked Credits In										438,947		202,446		195,230			0	836,623
Banked Credits Out									-438,947		-202,446		-195,230				-836,623	0
Trades In																	0	0
Trades Out																	0	0
Retired Credits																	0	0
Expired Credits			-409,923	-834,350													-409,923	-834,350
Discounted Credits for Phase 2																	0	0
Manufacturer Resubmission																	0	0
Miscellaneous Adjustments *(See Note Below MY)																	0	0
Available Credit Balance	0	0	0	0	1,176,895	610,293	399,166	467,712	243,324	0	401,970	0	599,708	0	0	0	2,821,063	1,078,005
Available Averaging Set Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,787,188</b>	<b>866,878</b>	<b>243,324</b>	<b>401,970</b>	<b>599,708</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,899,068</b>	<b>0</b>
<b>Advanced Technology Credit Summary</b>																		
AT Earned																	0	0
AT Banked Credits In																	0	0
AT Banked Credits Out																	0	0
AT Final Credit Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AT Averaging Set Available Credit Balance	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: